

Name: _____ P: _____

HW #33 Area and Perimeter GRASP Review

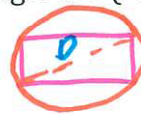
Form A

GEOMETRY

Due Wednesday, October 30th, 2013

GRASP REVIEW! (Mind the GAP with complete sentences!)

1. A rectangle is inscribed within a circle. The coordinates of the rectangle are $(-8,3)$; $(20,3)$; $(-8,-5)$; and $(20,-5)$. What is the area and circumference of the circle?



Example of what this should look like on your graph paper.

G

R

*This is the same type of problem you saw in yesterday's homework! Refer back to it for steps!!

A

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GRASP REVIEW! (Mind the GAP with complete sentences!)

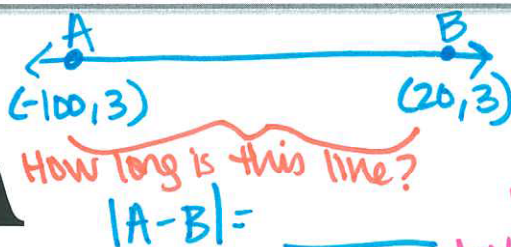
2. The diameter of a circle extends from $(-100, 3)$ to $(20, 3)$. If the area of this circle is the same as a square, what is a side length of that square?

G

R

- Area of circle: _____
- Area of square (DON'T use L.W): _____
- Diameter: _____

A



I must first find the length of the _____ of the circle using the drawing to the left. I then will find the radius by dividing the diameter by _____. Finally, I will find the _____ of the circle, and set it equal to the area of a square. Then, I will solve for ____.

S

P